

Table 3.2 Intra-day accuracy & precision data for all QC samples LLOQ, QC low, QC mid, and QC high of propranolol based on the standard calibration curves of the first day of validation (n=6). Corresponding calibration curve used in the calculation of measured concentration of intra-day one is shown in **table 3.13**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1589	123453	0.0129	53.458	106.92	103.38%	4.03%
	1622	124379	0.0130	54.009	108.02		
	1565	126954	0.0123	51.689	103.38		
	1562	127006	0.0123	51.596	103.19		
	1549	126823	0.0122	51.320	102.64		
	1415	126159	0.0112	48.075	96.15		
Mean	1550	125796	0.0123	51.691	103.38		
STD	71.13	1515.86	0.0006	2.084	4.17		
CV%	4.59	1.21	5.1986	4.032	4.03		
150 ng/ml QCL	5900	128544	0.0459	160.876	107.25	104.43%	4.54%
	6099	129768	0.0470	164.455	109.64		
	5962	128186	0.0465	162.866	108.58		
	5529	125814	0.0439	154.524	103.02		
	5420	128544	0.0422	148.731	99.15		
	5456	129725	0.0421	148.385	98.92		
Mean	5728	128430	0.0446	156.640	104.43		
STD	293.40	1441.96	0.0022	7.113	4.74		
CV%	5.12	1.12	4.9038	4.541	4.54		
1500 ng/ml QC Mid	61574	124557	0.4943	1619.388	107.96	107.36%	1.30%
	65070	130250	0.4996	1636.410	109.09		
	62409	128688	0.4850	1588.879	105.93		
	56234	113223	0.4967	1626.939	108.46		
	58976	120308	0.4902	1605.938	107.06		
	56200	116198	0.4837	1584.630	105.64		
Mean	60077	122204	0.4916	1610.364	107.36		
STD	3567.11	6821.18	0.0064	20.871	1.39		
CV%	5.94	5.58	1.3054	1.296	1.30		
2500 ng/ml QC High	91595	114601	0.7993	2611.061	104.44	103.86%	1.44%
	92441	116069	0.7964	2601.889	104.08		
	92910	115448	0.8048	2629.035	105.16		
	90568	114138	0.7935	2592.341	103.69		
	90857	117566	0.7728	2525.086	101.00		
	89658	111795	0.8020	2619.954	104.80		
Mean	91338	114936	0.7948	2596.561	103.86		
STD	1216.59	1953.34	0.0115	37.328	1.49		
CV%	1.33	1.70	1.4440	1.438	1.44		